Current Time: 8:40 AM

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "C" (1000 Area)

2/24/2014

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHum gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	9.0	8.8	8.6	-.2	-.4	.9	9.3	57.6	5.0
01:00	8.1	8.0	7.5	-.1	-.6	1.3	9.1	62.9	5.2
02:00	7.1	7.0	6.5	-.2	-.6	1.2	8.9	66.6	5.2
03:00	5.6	5.5	4.9	-.1	-.7	1.5	8.7	75.4	5.3
04:00	4.0	3.9	3.3	-.1	-.7	.3	8.4	77.5	4.9
05:00	2.4	2.4	1.8	-.1	-.6	-2.2	8.1	71.8	4.1
06:00	1.4	1.4	1.0	.0	-.4	-3.2	7.7	71.8	3.8
07:00	.8	.9	.7	.1	-.1	-4.3	7.4	69.5	3.5
08:00	1.9	1.6	1.1	-.3	-.8	-6.6	7.0	53.7	2.9
09:00	3.3	2.8	2.5	-.5	-.8	-8.1	6.9	43.5	2.6
10:00	4.6	4.1	3.7	-.5	-.9	-8.7	7.0	37.8	2.5
11:00	6.3	5.7	5.3	-.6	-1.0	-9.3	7.3	32.3	2.4
12:00	7.6	7.1	6.7	-.5	-.9	-9.2	7.5	29.9	2.4
13:00	8.8	8.3	7.6	-.5	-1.2	-9.6	8.1	26.7	2.3
14:00	9.8	9.3	8.3	-.5	-1.5	-10.3	8.6	23.7	2.2
15:00	10.7	10.2	9.4	-.5	-1.3	-12.1	9.2	19.4	1.9
16:00	10.9	10.5	9.7	-.5	-1.2	-12.1	9.6	19.0	1.9
17:00	10.4	10.2	9.4	-.3	-1.0	-11.3	9.8	21.1	2.0
18:00	8.7	8.8	8.4	.1	-.3	-10.8	9.8	24.5	2.1
19:00	7.1	7.5	7.4	.5	.4	-10.2	9.4	28.6	2.2
20:00	5.8	6.2	6.3	.4	.5	-9.6	9.0	32.6	2.3
21:00	5.2	5.4	5.5	.2	.3	-10.1	8.5	32.7	2.2
22:00	4.2	4.6	4.6	.3	.4	-11.0	8.1	32.6	2.1
23:00	2.8	3.7	4.3	.8	1.4	-10.2	7.7	38.3	2.2
Avg	6.1	6.0	5.6	-.1	-.5	-6.8	8.4	43.7	3.1
Max	10.9	10.5	9.7	.8	1.4	1.5	9.8	77.5	5.3
Hr. of Max	16	16	16	23	23	03	18	04	03
Min	.8	.9	.7	-.6	-1.5	-12.1	6.9	19.0	1.9
Count	24	24	24	24	24	24	24	24	24
Total									

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	14_Mix Ratio	15_Vapor Pr	16_Precip_mm	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	None	KPa	MM	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	0.004172	6.6	.0	.00	29.10	-2.1	78	81	73
01:00	0.004287	6.7	.0	.00	29.12	-1.9	54	58	51
02:00	0.004248	6.7	.0	.00	29.12	-2.1	17	19	14
03:00	0.004322	6.8	.0	.00	29.14	-2.1	47	34	23
04:00	0.003979	6.3	.0	.00	29.16	-2.1	52	48	41
05:00	0.003296	5.2	.0	.00	29.17	-2.3	54	50	47
06:00	0.003059	4.8	.0	.00	29.19	-2.5	17	26	27
07:00	0.002818	4.5	.0	.00	29.21	33.1	351	12	27
08:00	0.00236	3.7	.0	.00	29.23	165.0	130	113	75
09:00	0.002116	3.4	.0	.00	29.25	415.0	64	55	45
10:00	0.002013	3.2	.0	.00	29.25	592.8	96	98	82
11:00	0.001933	3.1	.0	.00	29.25	704.6	101	94	69
12:00	0.001959	3.1	.0	.00	29.23	765.3	106	108	88
13:00	0.001902	3.0	.0	.00	29.22	759.2	118	113	85
14:00	0.001805	2.9	.0	.00	29.20	649.1	140	146	134
15:00	0.001572	2.5	.0	.00	29.20	499.3	120	107	97
16:00	0.001566	2.5	.0	.00	29.19	357.2	96	90	86
17:00	0.001676	2.7	.0	.00	29.18	131.0	63	61	61
18:00	0.001734	2.7	.0	.00	29.18	5.3	38	43	47
19:00	0.001811	2.9	.0	.00	29.19	-1.8	49	56	46
20:00	0.001893	3.0	.0	.00	29.18	-2.0	64	66	47
21:00	0.001818	2.9	.0	.00	29.16	-2.4	50	66	47
22:00	0.001699	2.7	.0	.00	29.16	-2.2	25	51	53
23:00	0.001806	2.9	.0	.00	29.14	-2.4	36	57	43
Avg	0.002494	4.0	.0	.00	29.18	210.5	66	68	58
Max	0.004322	6.8	.0	.00	29.25	765.3	351	146	134
Hr. of Max	03	03	23	23	11	12	07	14	14
Min	0.001566	2.5	.0	.00	29.10	-2.5	17	12	14
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	29_Sigma_10m	30_Sigma_30m	31_Sigma_100m	35_WSpd_10m	36_WSpd_30m	37_WSpd_100m	44_PkWd_10m	45_PkWd_30m	46_PkWd_100m
Hour	DEG	DEG	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	22	14	9	4.0	5.0	5.6	10.1	10.8	11.4
01:00	29	23	10	2.1	3.8	6.1	9.8	11.7	14.0
02:00	29	24	16	3.3	6.2	10.6	11.4	14.4	18.3
03:00	42	21	11	1.7	4.5	9.5	7.6	10.8	16.0
04:00	29	16	9	2.4	4.9	9.1	7.6	12.6	22.4
05:00	28	16	7	2.1	4.7	8.7	8.7	16.9	16.7
06:00	24	15	7	2.3	5.9	11.5	7.8	11.9	19.9
07:00	19	21	6	1.6	4.3	9.0	5.5	11.7	22.2
08:00	15	20	18	3.1	2.7	2.9	7.8	7.6	8.5
09:00	28	24	13	3.8	4.2	5.1	10.8	10.8	11.7
10:00	15	13	15	5.2	5.4	5.3	13.7	11.9	10.3
11:00	22	27	21	4.5	4.5	4.4	16.0	16.0	14.0
12:00	19	16	19	5.2	5.3	4.4	11.4	11.2	11.2
13:00	17	18	20	5.0	5.0	4.8	12.6	14.2	12.8
14:00	25	23	26	4.2	3.9	3.4	16.7	16.5	15.3
15:00	30	30	28	3.5	3.3	3.0	11.4	12.1	9.6
16:00	23	21	11	4.5	5.1	5.9	13.1	14.0	13.1
17:00	26	16	8	3.5	5.5	6.8	17.2	15.3	14.7
18:00	24	14	5	1.6	4.1	8.4	8.0	16.5	16.0
19:00	12	8	4	1.0	3.1	8.7	3.2	7.1	18.3
20:00	19	11	4	1.6	4.1	10.4	6.6	9.2	24.3
21:00	20	10	4	1.5	3.6	9.6	5.0	8.2	19.2
22:00	14	9	4	1.1	3.2	6.7	3.4	7.3	15.1
23:00	9	4	2	.9	2.0	6.9	2.1	5.0	14.7
Avg	23	17	12	2.9	4.3	7.0	9.5	11.8	15.4
Max	42	30	28	5.2	6.2	11.5	17.2	16.9	24.3
Hr. of Max	03	15	15	12	02	06	17	05	20
Min	9	4	2	.9	2.0	2.9	2.1	5.0	8.5
Count	24	24	24	24	24	24	24	24	24
Total									